

INTERNATIONAL SEARCH REPORT

 Int Application No
 PCT/IB 03/05699

 A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 G11B20/12 G11B20/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02 052558 A (PIONEER CORP; TOMITA YOSHIMI (JP)) 4 July 2002 (2002-07-04) abstract page 17, line 10 - line 14 page 27, line 24 - page 28, line 3 page 36, line 26 - page 37, line 3 page 40, line 7 - line 12 ---	1-18
A	EP 1 239 477 A (LG ELECTRONICS INC) 11 September 2002 (2002-09-11) abstract paragraph '0021! - paragraph '0039! figures 3-5 -----	1, 9, 13, 14, 16

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
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Date of the actual completion of the international search

26 March 2004

Date of mailing of the international search report

19/04/2004

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 02052558	A	04-07-2002	JP	2002260339 A	13-09-2002
			WO	02052558 A2	04-07-2002
			JP	2002260341 A	13-09-2002
			US	2004030983 A1	12-02-2004
<hr/>					
EP 1239477	A	11-09-2002	KR	2002072341 A	14-09-2002
			CN	1374656 A	16-10-2002
			EP	1239477 A2	11-09-2002
			JP	2002313032 A	25-10-2002
			US	2002126597 A1	12-09-2002
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